INTERNATIONAL SEARCH REPORT

International Application No
PCT/IL2004/000507

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N5/06 A61K35/12 A61K38/17 A61K35/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	ZHANG PEILIN ET AL: "Enhancement of oligodendrocyte differentiation from murine embryonic stem cells by an activator of gp130 signaling." STEM CELLS (DAYTON, OHIO) 2004, vol. 22, no. 3, 2004, pages 344-354, XP009035185 ISSN: 1066-5099 the whole document	1-53
P,X	WO 03/059376 A (YEDA RESARCH AND DEV CO LTD ; LEVY ALON (IL); CHEBATH JUDITH (IL); HAG) 24 July 2003 (2003-07-24) the whole document	1-53

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[X] Further documents are listed in the continuation of box C.

[X] Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search	Date of mailing of the international search report
29 September 2004	15. 10. 04

Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Mossier, B

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

	Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
1	X	VALERIO A ET AL: "A SOLUBLE INTERLEUKIN-6 (IL-6) RECEPTOR/IL-6 FUSION PROTEIN ENHANCES THE IN VITRO DIFFERENTIATION OF RAT OLIGODENDROCYTES" ABSTRACTS OF THE SOCIETY FOR NEUROSCIENCE, SOCIETY FOR NEUROSCIENCE, WASHINGTON, DC, US, vol. 27, no. 2, 2001, page 2381, XP001146998 ISSN: 0190-5295	10
	Y	the whole document	1-9, 11-53

2	Y	BRÜSTLE O ET AL: "Embryonic stem cell-derived glial precursors: a source of myelinating transplants." SCIENCE. 30 JUL 1999, vol. 285, no. 5428, 30 July 1999 (1999-07-30), pages 754-756, XP002292501 ISSN: 0036-8075 cited in the application the whole document	1-53

2	Y	GAGE F H: "Mammalian neural stem cells." SCIENCE. 25 FEB 2000, vol. 287, no. 5457, 25 February 2000 (2000-02-25), pages 1433-1438, XP002292502 ISSN: 0036-8075 abstract; figure 1	1-53

2	X	BILLON NATHALIE ET AL: "Normal timing of oligodendrocyte development from genetically engineered, lineage-selectable mouse ES cells." JOURNAL OF CELL SCIENCE. 15 SEP 2002, vol. 115, no. Pt 18, 15 September 2002 (2002-09-15), pages 3657-3665, XP002292503 ISSN: 0021-9533	10
	A	the whole document	1-9, 11-53

3	A	WO 00/78331 A (BOSCHERT URSULA ; CHEBATH JUDITH (IL); REVEL MICHEL (IL); YEDA RES & D) 28 December 2000 (2000-12-28) cited in the application page 4, line 30 - page 7, line 12 page 7, line 29 - page 9, line 3; claims 1-10; examples 1,3,5	1-53

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
2 A	STANKOFF BRUNO ET AL: "Ciliary neurotrophic factor (CNTF) enhances myelin formation: a novel role for CNTF and CNTF-related molecules." THE JOURNAL OF NEUROSCIENCE : THE OFFICIAL JOURNAL OF THE SOCIETY FOR NEUROSCIENCE. 1 NOV 2002, vol. 22, no. 21, 1 November 2002 (2002-11-01), pages 9221-9227, XP002292518 ISSN: 1529-2401 abstract	1-53
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2 A	NICHOLS J ET AL: "Derivation of germline competent embryonic stem cells with a combination of interleukin-6 and soluble interleukin-6 receptor." EXPERIMENTAL CELL RESEARCH. NOV 1994, vol. 215, no. 1, November 1994 (1994-11), pages 237-239, XP002292519 ISSN: 0014-4827 abstract	1-53

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/IL2004/000507

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 03059376 A	24-07-2003	EP 1461066 A1	29-09-2004
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WO 0078331 A	28-12-2000	AU 5423100 A	09-01-2001
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		NO 20015673 A	17-12-2001
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